

District I
P.O. Box 1980, Hobbs, NM

District II
P.O. Drawer DD, Artesia, NM 88221

District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

DEC 1 1999
NOV - 1 1999
OIL CONSERVATION DIVISION
DISTRICT I

Operator: PNM Gas Services (Burlington) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: East #8

Location: Unit P Sec 26 T 31 N R 12 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other

Land Type: BLM ☒ State ☐ Fee ☐ Other

Pit Location: Pit dimensions: length 20 ' width 20 ' depth 3 '

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 135'

Direction from reference: 80 Degrees ☒ East North ☐
of ☐ West South ☒

Depth to Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>

Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)	Yes	(20 points)	
	No	(0 points)	<u>0</u>

Distance to Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	(20 points)	
	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	(0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS) : 0

East #8

Date Remediation Started: 06/01/1999

Date Completed: 06/01/1999

Remediation Method: Excavation ☒

Approx. Cubic Yard 124

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 94

Other 30 cu. yds. overburden

Remediation Location:

Onsite

☒

Offsite

(i.e., landfarmed onsite, name and location of offsite facility)

Backfill Material Location:

General Description of Remedial Action:

Excavated contaminated soil to a pit size of 15' X 16' X 14' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by disking/plowing until soil met regulatory levels.

Ground Water Encountered:

No

☒

Yes

☐

Depth

Final Pit Closure Sampling:

Sample Location

5 pt. composite - bottom.

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample depth

14'

Sample date

06/01/1999

Sample time

10:00:00 AM

Sample Results

Benzene (ppm)

Total BTEX (ppm)

Field headspace (ppm) 0

TPH (ppm)

< 25.00

Method

8015B

Vertical Extent (ft)

Risk Analysis form attached Yes

☐

No

☒

Ground Water Sample:

Yes

☐

No

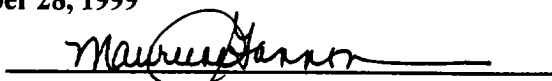
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(If yes, see attached Groundwater Site Summary Report)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE October 28, 1999

SIGNATURE



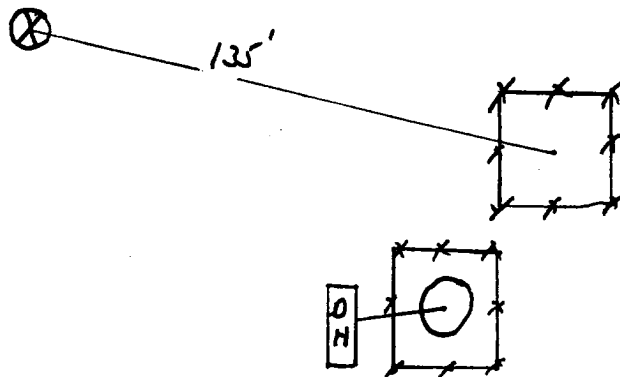
PRINTED NAME Maureen Gannon
AND TITLE Project Manager

East # 8
Burlington
Sec. 26, 31 N, 12 W, P

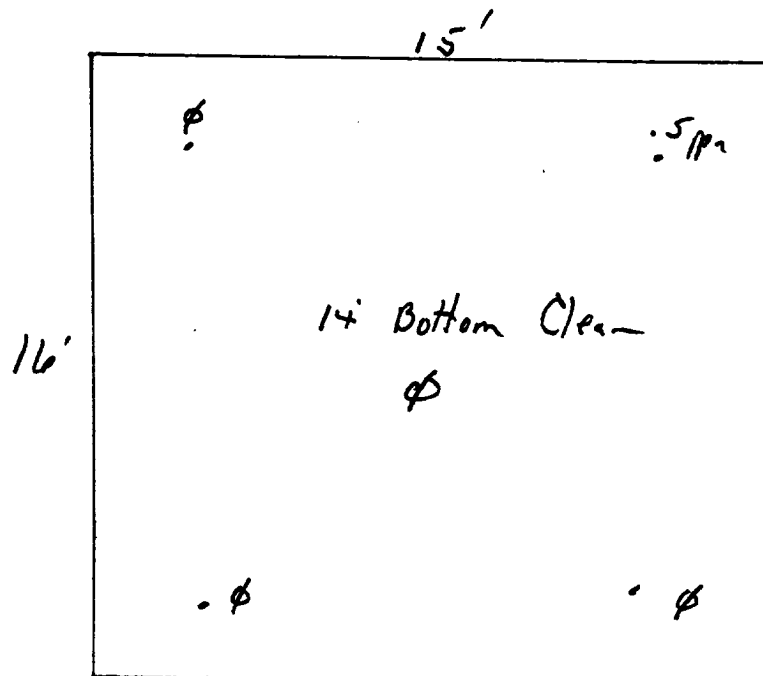
6-1-99

↑
N

Site diagram:



End of excavation:



Field Headspace: ϕ (Walls + bottom)

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 17-Jun-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation

Lab Order: 9906010

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LC

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	East #8
Work Order:	9906010	Client Sample ID:	9906011000; Bottom @ 14ft. -5 pt. composite
Lab ID:	9906010-05A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/1/99 10:00:00 AM
		COC Record:	7602

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/9/99

Qualifiers:

PQL - Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

ND - Not Detected at Practical Quantitation Limit

R - RPD outside accepted recovery limits

J - Analyte detected below Practical Quantitation Limit

E - Value above quantitation range

B - Analyte detected in the associated Method Blank

Surr: - Surrogate

1 of 1

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OFF: (505) 325-5667



LC

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	East #8
Work Order:	9906010	Client Sample ID:	9906011005; Walls @ 10ft.
Lab ID:	9906010-06A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/1/99 10:05:00 AM
		COC Record:	7602

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/9/99

Qualifiers:

PQL - Practical Quantitation Limit

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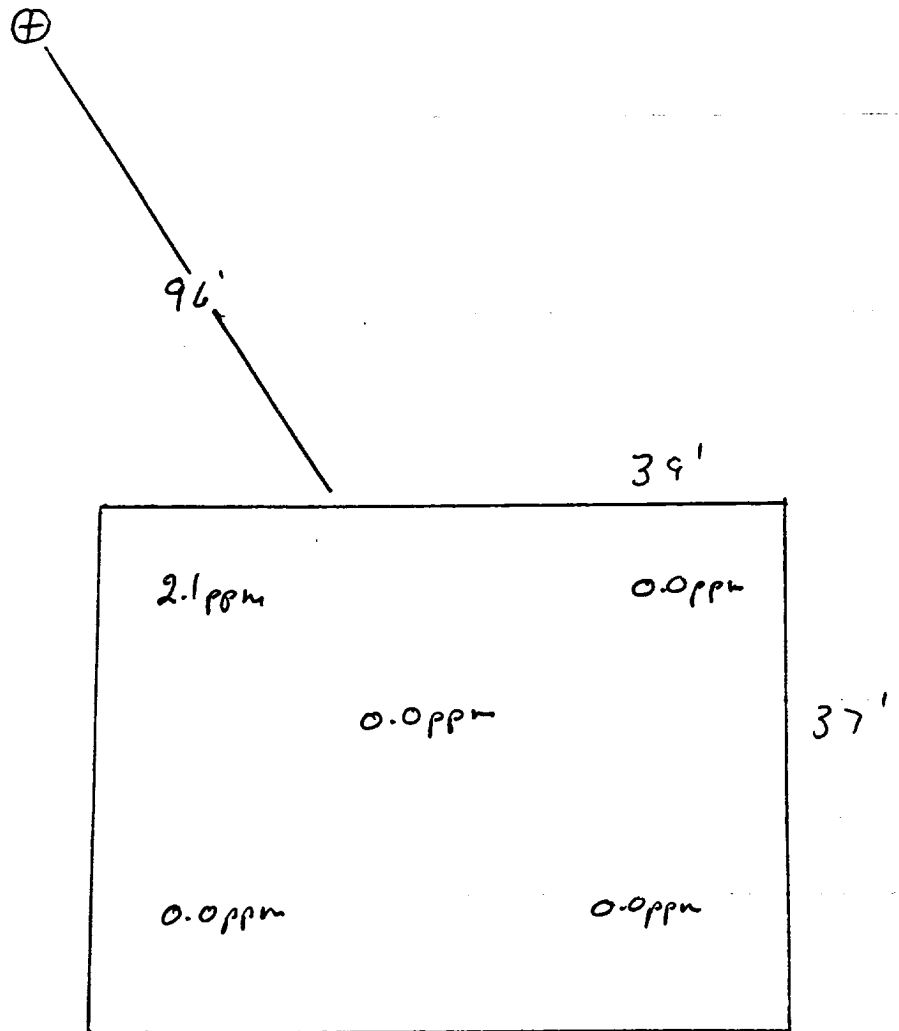
Surr: - Surrogate

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CAST # 8
Sec. 26 T-31N R-12W UL-P
Burlington

Landfarm Drawing



2" to 12" Depth
Headspace 0.5ppm
Sample # 9907121515

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 28-Jul-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation Landfarms

Lab Order: 9907028

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	East 8 LF
Work Order:	9907028	Client Sample ID:	9907121515; 5pt. Comp
Lab ID:	9907028-04A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	7/12/99 3:15:00 PM
		COC Record:	7488

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/23/99

Qualifiers:

- PQL - Practical Quantitation Limit
- ND - Not Detected at Practical Quantitation Limit
- J - Analyte detected below Practical Quantitation Limit
- B - Analyte detected in the associated Method Blank

- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- Surr: - Surrogate

1 of 1

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